SEQUENCE LISTING

<110> MOLENAAR, DOUWE VAN DER REST, MICHEL E DRYSCH, ANDRE <120> NUCLEOTIDE SEQUENCE WHICH CODE FOR THE mdhA GENE <130> 203976US0X <150 DE 10032350.2 <151 2000-07-04 <170 PatentIn version 3.1 <210> 1 <211> 18 <212> PRT <213> Corynebacterium glutamicum <400> 1 Asn Ser Pro Gln Asn Val Ser Thr Lys Lys Val Thr Val Thr Gly Ala

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682

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Pro Gln Ala Leu Gly Gly Ala Glu Gly Val Ala Met Glu Leu Leu Asp 50 55

Ser Ala Phe Pro Leu Leu Arg Asn Ile Thr Ile Thr Ala Asp Ala Asn 65 70 75

Glu Ala Phe Asp Gly Ala Asn Ala Ala Phe Leu Val Gly Ala Lys Pro 95

Arg Gly Lys Gly Glu Glu Arg Ala Asp Leu Leu Ala Asn Asn Gly Lys 100 105 110

Ile Phe Gly Pro Gln Gly Lys Ala Ile Asn Asp Asn Ala Ala Asp Asp 115 120 125

- Ile Arg Val Leu Val Val Gly Asn Pro Ala Asn Thr Asn Ala Leu Ile 130 135 140
- Ala Ser Ala Ala Ala Pro Asp Val Pro Ala Ser Arg Phe Asn Ala Met 145 \$150\$
- Met Arg Leu Asp His Asn Arg Ala Ile Ser Gln Leu Ala Thr Lys Leu 165 170 175
- Gly Arg Gly Ser Ala Glu Phe Asn Asn Ile Val Val Trp Gly Asn His 180 \$180\$
- Ser Ala Thr Gln Phe Pro Asp Ile Thr Tyr Ala Thr Val Gly Gly Glu 195 200
- Lys $\sqrt[4]{1}$ Thr Asp Leu Val Asp His Asp Trp Tyr Val Glu Glu Phe Ile $\sqrt[4]{0}$ 0 215 220
- Pro $\stackrel{\mbox{Arg}}{4}$ Val Ala Asn Arg Gly Ala Glu Ile Ile Glu Val Arg Gly Lys 225 $\stackrel{\mbox{Cl}}{4}$ 230 235
- Trp $\overline{\text{Val}}$ Gln Gly Thr Glu Ala Trp Ser Ser Ala Ala Ile Pro Ser Thr 260 265 270
- Gly Ala Tyr Gly Ile Pro Glu Gly Ile Phe Val Gly Leu Pro Thr Val \$275\$
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